IN THE CLAIMS

1. (previously presented) A coated food paperboard comprising one or several fiber material layers and a heat-resistant polymeric coating getting into contact with food, said coating consisting of superimposed polymeric layers comprising an outer layer, the melting point of the polymer of which is at least 230 °C, and an inner layer placed against the fiber material layer, to achieve adhesion between the coating and the fiber material, characterized in that the inner layer comprises a first polymer with a melting point of at least 230 °C, blended with a second polymer which is an adhesive polymer with a melting point of 130 - 185 °C in a ratio of 85 - 97% by weight of said first polymer and 3 - 15% by weight of said second polymer.

2. (previously presented) Paperboard according to claim 1, characterized in that the polymer of the outer layer and the one of the polymers of the inner layer are of the same polymeric material.

3. (previously presented) Paperboard according to claim 2, characterized in that the outer layer of the coating is polyethylene terephthalate, and the inner layer is a mixture of polyethylene terephthalate and a terephthalate-based copolyester with a lower melting point.

4. (previously presented) Paperboard according claim 1 characterized in that the total weight of the polymeric coating is at most 25 $g/m^2$.

5. (previously presented) Paperboard according to claim 1, characterized in that the inner layer of the coating further has blended in it fine mineral substance.

6. (previously presented) Paperboard according to claim 1, characterized in that the inner layer comprises 80 - 90% by weight of polymer with a melting point of at least 230 °C, 3 - 10% by weight of polymer with a melting point of 130 - 185 °C, and 5 - 15% by weight of mineral substance.

7. (previously presented) Paperboard according to claim 5 or 6, characterized in that the mineral substance is calcium carbonate.

8. (previously presented) Paperboard according to claim 7, characterized in that the outer layer of the coating is polyethylene terephthalate and the inner layer is a mixture of polyethylene terephthalate, a terephthalate-based copolymer with a lower melting point, and calcium carbonate.

9. (previously presented) Paperboard according to claim 5, characterized in that the total weight of the coating is at most 25$g/m^2$ by weight.

10. (previously presented) Paperboard according to claim 1, characterized in that the fiber material layers comprise a three-layer structure, in which the middlemost layer is a thicker layer consisting of a mixture of chemical pulp and CTMP, the thinner layers on both sides of it consisting essentially of pure chemical pulp.

11. (previously presented) A method for manufacturing a coated paperboard according to claim 1, characterized in that the polymer forming the outer layer of the coating and the polymeric mixture forming the inner layer are coextruded together onto a moving paperboard web.

12. (previously presented) A heat-resistant oven board comprising the coated food paperboard of claim 1.

13. (previously presented) A consumer package shaped as a dish for heatable food comprising the coated food paperboard of claim 1.

14. (previously presented) A liquid packaging board comprising the coated food paperboard of claim 1.

15. (previously presented) An oven dish, characterized in that it has been manufactured of the paperboard according to claim 1 so that the polymeric coating of the paperboard is attached to the interior surface of the dish.

16. (previously presented) An oven dish according to claim 15, characterized in that it has been manufactured of paperboard by compression.

17. (previously presented) An oven dish according to claim 15, characterized in that it has been manufactured of paperboard by folding and joint sealing the folds thus produced to the exterior surface of the dish.

18. (previously presented) A heatable food package, characterized in that it comprises the oven dish according to one of the claims 15 - 17, food intended to be heated in the dish, and a removable protective cover or wrapping closing the dish.

19. (previously presented) Paperboard according to claim 4, wherein the total weight of the polymeric coating is 15-22 $g/m^2$.

20. (previously presented) Paperboard according to claim 9, wherein the total weight of the coating is 13-22 $g/m^2$.

21. (new) A coated food paperboard comprising one or more fiber material layers and a heat-resistant polymeric coating for contacting food, said heat-resistant polymeric coating comprising superimposed polymeric layers comprising an outer polymeric layer for contacting food, wherein the melting point of the polymer of the outer polymeric layer is at least 230°C, and an inner adhesive layer in direct contact with the outer layer and placed against the fiber material layer in order to achieve adhesion between the coating and the fiber material, characterized in that the inner layer comprises a first polymer with a melting point of at least 230 °C, blended with a second polymer which is an adhesive polymer with a melting point of 130 - 185 °C in a ratio of 85 - 97% by weight of said first polymer and 3 - 15% by weight of said second polymer.